AMENDMENTS TO THE CLAIMS

1-3. (Canceled)

4. (Previously Presented) The multi-directional ball switch as claimed in claim 10,

wherein said switching section comprises:

a supporting plate having a hinge hole;

a hinge shaft that is inserted into said hinge hole ;

a stopper that is equipped with a supporting ball located at the center of said supporting

plate; and

a press sensor that is installed between the top of the free-end of said supporting plate and

the down surface of said panel .

5. (Previously Presented) A multi-directional ball switch as claimed in claim 10,

wherein said rotation shafts are installed to support both sides of said ball knob so that

said ball knob can rotate in only one direction of up/down or left/right at a time.

6. (Previously Presented) The multi-directional ball switch as claimed in claim 10 ,

wherein said 4 click encoders are constructed to generate a click sound or a click

vibration while said rotation shafts are rotating.

7-9. (Canceled)

10. (Previously Presented) A multi-directional ball switch which comprises:

a panel having four (4) diagonally-located fixtures, each of which has an orthogonal shaft-like hole;

a ball knob placed on said panel;

a conversion means that transforms the rotation of said ball knob into an electrical signal, said conversion means including four (4) rotation shafts that are inserted into the orthogonal shaft holes of said four (4) diagonally-located fixtures, respectively; and

four (4) click encoders into which ends of said four (4) rotation shafts are inserted, respectively; wherein bottoms of said four (4) click encoders are fixed on said panel;

a CPU connected to said conversion means and to a sound generation section;

a switching section that restrains the rotation of said ball knob and generates an output value from said CPU; and

a signal generation section connected to said CPU.

11. (Canceled)